

### AMENDMENT TO THE SPECIFICATION

Kindly amend the paragraph on page 3, line 20, through page 4, line 1, to read as follows:

Fig. 1 is a diagram showing the enzymatic reaction that is catalyzed by methionine synthase, and the reductive reactivation of methionine synthase.

Fig. 2 is a diagram showing the overlapping clones and PCR fragments (SEQ ID NOS: 3-20) used to clone and sequence human methionine synthase reductase.

Fig. 3 is a diagram showing the nucleotide (SEQ ID NO: 24) and deduced amino acid sequence (SEQ ID NO: 2) of human methionine synthase reductase.

#### Sequence Listing

Please insert the Sequence Listing consisting of 28 sheets, provided herewith, into the application. The Sequence Listing is provided, as required, to comply with the requirements of 37 C.F.R. § 1.821 through 1.825. I hereby submit that the Sequence Listing contains no new matter.